

ABSTRACT

METHOD FOR DETERMINING JITTER OF A SIGNAL IN A SERIAL LINK AND

5 HIGH SPEED SERIAL LINK

The method for determining jitter of a signal in a serial link according to the invention comprising the following steps: First, a section of the signal transmitted via a transmission channel is sampled at different sampling times. The total number of edges in 10 the section is determined. The neighboring sample values are analyzed and from that a statistical value is formed. From the statistical value and the total number of edges a figure of merit is determined. Finally, by means of a look-up table or a jitter-versus-figure of merit curve, the total jitter corresponding to the figure of merit is derived.